



657DER2R5SZZ

Radial lead, +70°C

Parts are RoHS compliant

ELECTRICAL SPECIFICATIONS

Capacitance: 650 F

Temperature Range: -25°C to +70°C

ESR (AC): 0.8 milliOhms Max at 20°C and 1 kHz

ESR (DC): 0.95 milliOhms Max at 20°C and DC

Tolerance: -20 % , +50 %

WVDC: 2.5 Volts DC

SVDC: 2.7 Volts DC

Weight: 225.7 grams

Maximum stored energy: 564.236 Watt hours

Volume: 169.65 ml

Maximum Current: 502 Amps (1 second discharge to 1/2 the rated voltage)

Operating Current: 52 Amps (5 sec discharge to 1/2 rated voltage)

Leakage Current: 2.3 mA after 72 hours

Specific Energy:

Specific Power:

Gravimetric Density: 2.5 Wh/kg

Volumetric Density: 3.326 Wh/l

Gravimetric Density: 3.498 kW/kg

Volumetric Density: 4.6537 kW/l

Load Life: 1000 hours at 70°C with 100% of rated voltage applied

Max Capacitance Change: ≤30% of initially measured value

ESR Change: ≤200% of maximum specified value

PHYSICAL DIMENSIONS

Diameter (D): 60 mm, +/- 1 mm

Length (L): 60 mm, +/- 2 mm

Height (H): mm, +/- mm

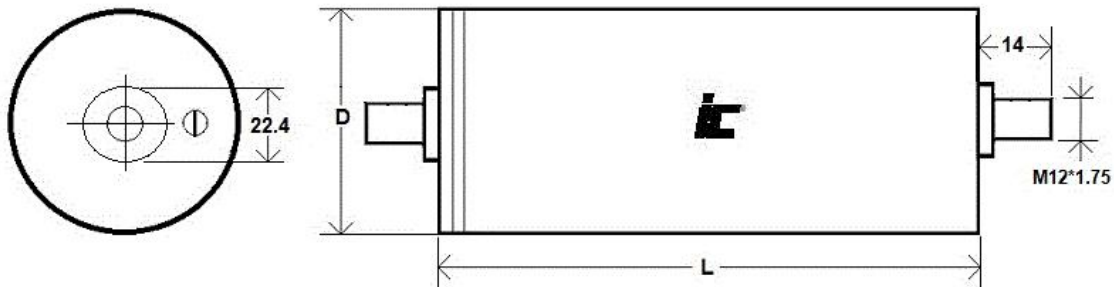
Thickness (T): mm, +/- mm

Termination Finish: Matte Tin

Lead Spacing (S): mm, +/- mm

Lead Diameter (d): mm, +/- mm

Lead Length (LL): mm, +/- mm



3757 W. Touhy Ave. Lincolnwood, IL 60712 (847) 675-1760 FAX (847) 673-2850
 Illinois Capacitor (HK) Ltd., Tel: 85227930931, Fax: 85227930731, www.illcap.com.hk
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